

# COURSE DETAIL

## GEOGRAPHIC INFORMATION SYSTEMS

**Country**

Denmark

**Host Institution**

Aarhus University

**Program(s)**

Aarhus University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Geography Environmental Studies

**UCEAP Course Number**

115

**UCEAP Course Suffix****UCEAP Official Title**

GEOGRAPHIC INFORMATION SYSTEMS

**UCEAP Transcript Title**

GEOGRAPHIC INFO SYS

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

## Course Description

This course provides the basic qualifications needed to use and describe the principles of modern geospatial science and geographic information systems. It provides a conceptual and practical introduction to geographic information systems with emphasis on practical data handling and data analysis. Teaching consists of lectures and practical computer exercises and two minor reports are produced during the course. The course identifies suitable methods to perform spatial analyses common in biological research and monitoring. Analyses is performed in the geographic information system software and documented in a professional scientific report.

### Language(s) of Instruction

English

### Host Institution Course Number

515131U003

### Host Institution Course Title

GEOGRAPHIC INFORMATION SYSTEMS

### Host Institution Campus

Aarhus

### Host Institution Faculty

Natural Sciences

### Host Institution Degree

Bachelor

### Host Institution Department

Biology

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